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Biderman

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(54) **SYSTEMS, METHODS AND DEVICES FOR THE PHYSICAL REHABILITATION USING AN ELECTRICALLY MOTORIZED VEHICLE**

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See application file for complete search history.

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(57) **ABSTRACT**

A system, method, and device for operations of an electrically motorized vehicle. The vehicle can utilize an electrically motorized wheel to convert a non-motorized wheeled vehicle to an electrically motorized wheeled vehicle. One system is a physical therapy system including a prescription module to prescribe a physical therapy prescription for operation of the device of the electrically motorized wheel and a rehabilitation application in communication with the prescription module to calculate the set of control parameters based on the physical therapy prescription.

22 Claims, 63 Drawing Sheets

